

TOOLS FOR CONSEQUENCE ANALYSIS AND RISK ASSESSMENT

PHAST

The world's most comprehensive hazard analysis software for all stages of process industry design and operation



Phast is used to analyse situations that present potential hazards to life, property and the environment and to quantify their severity. Consequences may then be managed or reduced by design of the process or plant, modification to existing operational procedures, or by implementing other mitigation measures.

Phast benefits includes:

- Provides clear illustration of the outcomes that may result from the hazards on your site
- Assists in compliance with safety regulations
- Enables more effective response to hazardous incidents by understanding their outcomes
- Regular software upgrades incorporate industry experience and expertise, and advances in consequence modelling technology
- Facilitates cost reduction in terms of losses and insurance
- Ensures safe optimization of plant and process design

FOR MORE DETAILS, SCAN:



SAFETI

QRA software package that has become the industry standard for quantitative risk analysis for industries that work with hazardous materials



Safeti software provides a user-friendly, industry standard method for carrying out quantitative risk analysis (QRA) of onshore process, chemical and petrochemical facilities or analysis of chemical transport risk. Safeti allows you to quickly identify major risk contributors. Time and effort can then be directed to mitigating these highest risk activities.

Safeti benefits include:

- Facilitates cost reduction in terms of losses and insurance
- Risk ranking and hazard zone identification for guidance concerning possible mitigation including operation, emergency response or land use planning
- Provides traceability and consistency in calculations
- Generates FN Curves for comparison with user-defined acceptance criteria
- Incorporates the consequence modelling of Phast for hazard analysis
- Enables the integration of QRA into your plant lifecycle management activities

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For more details about DNV's digital solutions for plants, contact:

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